ABSTRACT OF THE DISCLOSURE

A non-metallic element system is provided which can effectively seal or packoff an annulus under elevated temperatures. The element system can also resist
high differential pressures without sacrificing performance or suffering mechanical
degradation, and is considerably faster to drill-up than a conventional element
system. In one aspect, the composite material comprises an epoxy blend reinforced
with glass fibers stacked layer upon layer at about 30 to about 70 degrees. A
downhole tool, such as a bridge plug, frac-plug, or packer, is also provided. The
tool comprises a first and second support ring having one or more tapered wedges,
a first and second expansion ring, and a sealing member disposed between the
expansion rings and the support rings.

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